

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

MOTION DETECTING SYSTEM FOR USE IN A SAFETY  
SYSTEM FOR POWER EQUIPMENT

Application Number : 09/929234



Confirmation Number: 8814

First Named Applicant: Stephen Gass

Attorney Docket Number: SDT 310

Art Unit: 3724

Examiner: Mr. Boyer D Ashley

Search string: ( 2562396 or 2601878 or 2991593 or 3313185 or 3337008 or 3566996 or 3688815 or 3882744 or 3935777 or 3945286 or 4106378 or 4896607 or 4936876 or 4975798 or 5451750 or 5592353 or 5659454 or 5700165 or 5819619 or 5930096 or 6141192 or 6352137 or 6427570 or 6659233 or 20040104085 or 20040226800 ).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

## US Patent Documents

**Note:** Applicant is not required to submit a paper copy of cited US Patent Documents

| init      | Cite.No. | Patent No. | Date       | Patentee         | Kind | Class | Subclass |
|-----------|----------|------------|------------|------------------|------|-------|----------|
| <i>JA</i> | 1        | 2562396    | 2007-01-01 | E. Schutz        | —    | —     | —        |
|           | 2        | 2601878    | 2007-01-02 | A.L. Anderson    | —    | —     | —        |
|           | 3        | 2991593    | 2007-11-01 | M. Cohen         | —    | —     | —        |
|           | 4        | 3313185    | 2004-11-07 | C.E. Drake et al | —    | —     | —        |
|           | 5        | 3337008    | 2008-02-07 | K. Trachte       | —    | —     | —        |
|           | 6        | 3566996    | 2003-02-01 | Crossman         | —    | —     | —        |
|           | 7        | 3688815    | 2009-05-02 | Ridenour         | —    | —     | —        |
|           | 8        | 3882744    | 2005-03-05 | McCarroll        | —    | —     | —        |
|           | 9        | 3935777    | 2002-03-06 | Bassett          | —    | —     | —        |
|           | 10       | 3945286    | 2003-03-06 | Smith            | —    | —     | —        |
|           | 11       | 4106378    | 2008-05-08 | Kaiser           | —    | —     | —        |
|           | 12       | 4896607    | 2001-05-19 | Hall et al.      | —    | —     | —        |
| <i>JA</i> | 13       | 4936876    | 2006-06-19 | Reyes            | —    | —     | —        |

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|----|---------|------------|------------------|---|---|---|
| 14 | 4975798 | 2012-04-19 | Edwards et al.   | — | — | — |
| 15 | 5451750 | 2009-09-05 | An               | — | — | — |
| 16 | 5592353 | 2001-07-07 | Shinohara et al. | — | — | — |
| 17 | 5659454 | 2008-09-07 | Vermesse         | — | — | — |
| 18 | 5700165 | 2012-03-07 | Harris et al.    | — | — | — |
| 19 | 5819619 | 2010-03-08 | Miller et al.    | — | — | — |
| 20 | 5930096 | 2007-07-09 | Kim              | — | — | — |
| 21 | 6141192 | 2010-01-20 | Garzon           | — | — | — |
| 22 | 6352137 | 2003-05-02 | Stegall et al.   | — | — | — |
| 23 | 6427570 | 2008-06-02 | Miller et al.    | — | — | — |
| 24 | 6659233 | 2012-09-03 | DeVlieg          | — | — | — |

### US Published Applications

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| init | Cite.No. | Pub. No.    | Date       | Applicant     | Kind | Class | Subclass |
|------|----------|-------------|------------|---------------|------|-------|----------|
| 1    | 1        | 20040104085 | 2006-03-04 | Lang et al.   | —    | —     | —        |
| 2    | 2        | 20040226800 | 2011-08-04 | Pierga et al. | —    | —     | —        |

Signature

| Examiner Name | Date     |
|---------------|----------|
| Ghassem Ali   | 10/21/25 |

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Examiner: Mr. Boyer D Ashley

Search string: ( 2402232 or 2452589 or 2737213 or 2883486 or 2957166 or 3035995 or 3246205 or 3439183 or 3580376 or 3863208 or 3886413 or 3974565 or 3975600 or 4016490 or 4262278 or 4672500 or 5353670 or 5453903 or 5503059 or 5623860 or 5648644 or 5741048 or 5791441 or 6742430 or 6874397 or 6874399 or 20030037655 or 20040011177 or 20040060404 or 20040159198 or 20040194594 or 20040200329 or 20040226424 or 20050057206 or 20050092149 or 20050139051 or 20050139056 or 20050139057 or 20050139058 or 20050139459 ).pn

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| init      | Cite.No. | Patent No. | Date       | Patentee                  | Kind | Class | Subclass |
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| <i>JA</i> | 1        | 2402232    | 1946-06-18 | G.T. Baker                | —    | —     | —        |
|           | 2        | 2452589    | 1948-11-02 | E.M.S.<br>McWhirter et al | —    | —     | —        |
|           | 3        | 2737213    | 1956-03-06 | A.W. Richards et<br>al    | —    | —     | —        |
|           | 4        | 2883486    | 1959-04-21 | W.P. Mason                | —    | —     | —        |
|           | 5        | 2957166    | 1960-10-18 | S.E. Gluck                | —    | —     | —        |
|           | 6        | 3035995    | 1962-05-22 | B.G. Seeley et al         | —    | —     | —        |
|           | 7        | 3246205    | 1966-04-12 | I.M. Miller               | —    | —     | —        |
|           | 8        | 3439183    | 1969-04-15 | L.L. Hurst, Jr            | —    | —     | —        |
| <i>JA</i> | 9        | 3580376    | 1971-05-25 | Loshbough                 | —    | —     | —        |

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|----|---------|------------|----------------------|--|--|--|
| 10 | 3863208 | 1975-01-28 | Balban               |  |  |  |
| 11 | 3886413 | 1975-05-27 | Dow et al.           |  |  |  |
| 12 | 3974565 | 1976-08-17 | Ellis                |  |  |  |
| 13 | 3975600 | 1976-08-17 | Marston              |  |  |  |
| 14 | 4016490 | 1977-04-05 | Weckenmann et al.    |  |  |  |
| 15 | 4262278 | 1981-04-14 | Howard et al.        |  |  |  |
| 16 | 4672500 | 1987-06-09 | Tholome Roger et al. |  |  |  |
| 17 | 5353670 | 1994-10-11 | Metzger, Jr.         |  |  |  |
| 18 | 5453903 | 1995-09-26 | Chow                 |  |  |  |
| 19 | 5503059 | 1996-04-02 | Pacholok             |  |  |  |
| 20 | 5623860 | 1997-04-29 | Schoene et al.       |  |  |  |
| 21 | 5648644 | 1997-07-15 | Nagel                |  |  |  |
| 22 | 5741048 | 1998-04-21 | Eccleston            |  |  |  |
| 23 | 5791441 | 1998-08-11 | Matos et al.         |  |  |  |
| 24 | 6742430 | 2004-06-01 | Chen                 |  |  |  |
| 25 | 6874397 | 2005-04-05 | Chang                |  |  |  |
| 26 | 6874399 | 2005-04-05 | Lee                  |  |  |  |

### US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No.    | Date       | Applicant       | Kind | Class | Subclass |
|------|----------|-------------|------------|-----------------|------|-------|----------|
| 22   | 1        | 20030037655 | 2003-02-27 | Chin-Chin       | —    | —     | —        |
|      | 2        | 20040011177 | 2004-01-22 | Huang           | —    | —     | —        |
|      | 3        | 20040060404 | 2004-04-01 | Metzger, JR.    | —    | —     | —        |
|      | 4        | 20040159198 | 2004-08-19 | Peot et al.     | —    | —     | —        |
|      | 5        | 20040194594 | 2004-10-07 | Dils et al.     | —    | —     | —        |
|      | 6        | 20040200329 | 2004-10-14 | Sako            | —    | —     | —        |
|      | 7        | 20040226424 | 2004-11-18 | O'Banion et al. | —    | —     | —        |
|      | 8        | 20050057206 | 2005-03-17 | Uneyama         | —    | —     | —        |
|      | 9        | 20050092149 | 2005-05-05 | Hartmann        | —    | —     | —        |
|      | 10       | 20050139051 | 2005-06-30 | Gass et al.     | —    | —     | —        |
|      | 11       | 20050139056 | 2005-06-30 | Gass et al.     | —    | —     | —        |
|      | 12       | 20050139057 | 2005-06-30 | Gass et al.     | —    | —     | —        |
|      | 13       | 20050139058 | 2005-06-30 | Gass et al.     | —    | —     | —        |
|      | 14       | 20050139459 | 2005-06-30 | Gass et al.     | —    | —     | —        |

Signature

|               |          |
|---------------|----------|
| Examiner Name | Date     |
| Ghassem Ali   | 10/21/05 |

Substitute for form 1449A-B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

**Complete if Known**

|                      |                 |
|----------------------|-----------------|
| Application No.      | 09/929,234      |
| Filing Date          | August 13, 2001 |
| First Named Inventor | Stephen F. Gass |
| Group Art Unit       | 3724            |
| Examiner Name        | Boyer D. Ashley |
| Attorney Docket No.  | SDT 310         |

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

|                       |              |   |                             |
|-----------------------|--------------|---|-----------------------------|
| Examiner<br>Initials  | Cite<br>No.  | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>              |
| yu                    | —            | ANALOG DEVICES, INC., 3-Axis Capacitive Sensor – Preliminary Technical Data AD7103, pp. 1-40, © 1998.   | ✓                           |
|                       |              |   |                             |
|                       |              |   |                             |
|                       |              |   |                             |
|                       |              |   |                             |
| Examiner<br>Signature | Ghassem Aliq |   | Date<br>Considered<br>10/21 |

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| init       | Cite.No. | Patent No. | Date       | Patentee          | Kind | Class | Subclass |
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| <i>CPA</i> | 1        | 2913581    | 1959-11-17 | Simonton et al.   | —    | —     | —        |
|            | 2        | 3213731    | 1965-10-26 | Renard            | —    | —     | —        |
|            | 3        | 3445835    | 1969-05-20 | Fudaley           | —    | —     | —        |
|            | 4        | 3456696    | 1969-07-22 | Gregory et al.    | —    | —     | —        |
|            | 5        | 3512440    | 1970-05-19 | Frydmann          | —    | —     | —        |
|            | 6        | 3960310    | 1976-06-01 | Nussbaum          | —    | —     | —        |
|            | 7        | 3978624    | 1976-09-07 | Merkel et al.     | —    | —     | —        |
|            | 8        | 4675664    | 1987-06-23 | Cloutier et al.   | —    | —     | —        |
|            | 9        | 4845476    | 1989-07-04 | Rangeard et al.   | —    | —     | —        |
|            | 10       | 5392568    | 1995-02-28 | Howard, Jr et al. | —    | —     | —        |
|            | 11       | 5436613    | 1995-07-25 | Ghosh et al.      | —    | —     | —        |
|            | 12       | 6330848    | 2001-12-18 | Nishio et al.     | —    | —     | —        |
| <i>JP</i>  | 13       | 6796208    | 2004-09-28 | Jorgensen         | —    | —     | —        |

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|----|----|---------|------------|-------------|---|---|---|
| GA | 14 | 6920814 | 2005-07-26 | Gass et al. | — | — | — |
| GA | 15 | 6945148 | 2005-09-20 | Gass et al. | — | — | — |
| GA | 16 | 6945149 | 2005-09-20 | Gass et al. | — | — | — |

## US Published Applications

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| init | Cite.No. | Pub. No.    | Date       | Applicant   | Kind | Class | Subclass |
|------|----------|-------------|------------|-------------|------|-------|----------|
| GA   | 1        | 20050155473 | 2005-07-21 | Gass        | —    | —     | —        |
| GA   | 2        | 20050166736 | 2005-08-04 | Gass et al. | —    | —     | —        |
| GA   | 3        | 20050178259 | 2005-08-18 | Gass et al. | —    | —     | —        |
| GA   | 4        | 20050204885 | 2005-09-22 | Gass et al. | —    | —     | —        |

Signature

| Examiner Name | Date     |
|---------------|----------|
| Ghassem Alir  | 10/21/05 |